

In The Claims (clean copy as amended)

~~Please cancel Claims 1, 10-23 and 26-44 without prejudice and without disclaimer of the subject matter therein.~~

D 53
E 1
2. (Amended) A chimeric protein heterodimer complex, wherein a chimeric protein comprising an α chain of an integrin and a heavy chain or light chain of an immunoglobulin and a chimeric protein comprising a β chain of an integrin and a heavy chain or light chain of an immunoglobulin are associated with each other.

D 70
3. (Amended) A chimeric protein heterodimer complex, according to claim 2, wherein the chimeric proteins comprise an α chain• immunoglobulin heavy chain- β chain • immunoglobulin heavy chain chimeric protein heterodimer complex, wherein a chimeric protein comprising the α chain of an integrin and the heavy chain of an immunoglobulin and a chimeric protein comprising the β chain of the integrin and the heavy chain of the immunoglobulin are associated with each other.

4. (Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the α chain of an integrin is $\alpha 1, \alpha 2, \alpha 3, \alpha 4, \alpha 5, \alpha 6, \alpha 7, \alpha 8, \alpha 9, \alpha v, \alpha L, \alpha M, \alpha X, \alpha llb$ or αE .

5. (Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the β chain of an integrin is $\beta 1, \beta 2, \beta 3, \beta 4, \beta 5, \beta 6, \beta 7$ or $\beta 8$.

D 71
7. (Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the chimeric protein comprising the $\alpha 4$ of an integrin and the heavy chain of an immunoglobulin comprises the amino acid sequence of SEQ ID NO:1.

8. (Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the chimeric protein comprising the $\alpha 2$ of an integrin and the heavy chain of an immunoglobulin comprises the amino acid sequence of SEQ ID NO:19.

D71
Don't

9. (Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3 wherein the chimeric protein comprising the $\beta 1$ of an integrin and the heavy chain of an immunoglobulin comprises the amino acid sequence of SEQ ID NO:2.

SUM E2
D72

24. (Amended) A drug, comprising a chimeric protein as stated in any one of claims 45-49 or a chimeric protein heterodimer complex as stated in any claim 2 or claim 3.

D72
put back

25. (Amended) A drug composition, comprising a chimeric protein as stated in any one of claims 45-49 or a chimeric protein heterodimer complex as stated in claim 2 or claim 3.

Kindly add the following new claims:

SUM 3
D73

45. (New) A chimeric protein comprising an α chain of an integrin and a heavy chain or light chain of an immunoglobulin, wherein said α chain of said integrin is selected from the group consisting of $\alpha 1$, $\alpha 2$, $\alpha 3$, $\alpha 4$, $\alpha 5$, $\alpha 6$, $\alpha 7$, $\alpha 8$, $\alpha 9$, αv , αL , αM , $\alpha 11b$, and αE .

46. (New) A chimeric protein comprising a β chain of an integrin and a heavy chain or light chain of an immunoglobulin, wherein said β chain of said integrin is selected from the group consisting of $\beta 2$, $\beta 3$, $\beta 4$, $\beta 5$, $\beta 6$, $\beta 7$ and $\beta 8$.

47. (New) A chimeric protein comprising an $\alpha 4$ chain of an integrin and a heavy chain of an immunoglobulin having an amino acid sequence of SEQ ID NO: 1.

48. (New) A chimeric protein comprising an $\alpha 2$ chain of an integrin and a heavy chain of an immunoglobulin having an amino acid sequence of SEQ ID NO: 19.

49. (New) A chimeric protein comprising a $\beta 1$ chain of an integrin and a heavy chain of an immunoglobulin having an amino acid sequence of SEQ ID NO: 2.